

-> b reg
 FILE 'REGISTRY' ENTERED AT 13:04:38 ON 04 APR 2008
 USE IS SUBJECT TO THE TERMS OF YOUR SITE CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 3 APR 2008 HIGHEST RN 1012038-13-9
 DICTIONARY FILE UPDATES: 3 APR 2008 HIGHEST RN 1012038-13-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndec/properties.html>

-> d que sta 117
 L11 STR



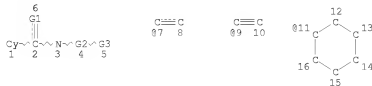
VAR G1=O/S
 REP G2=(1-3) C
 VAR G3=7/9/11
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
 L13 SCR 1011 OR 1012 OR 1013 OR 1019
 L15 SCR 1840
 L17 17940 SEA FILE-REGISTRY SSS FUL L11 AND L13 AND L15

100.0% PROCESSED 696595 ITERATIONS 17940 ANSWERS
 SEARCH TIME: 00.00.13

-> d que sta 123
 L11 STR

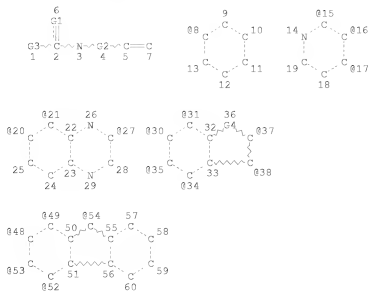


VAR G1=O/S
 REP G2=(1-3) C
 VAR G3=7/9/11

NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE
 L13 SCR 1011 OR 1012 OR 1013 OR 1019
 L15 SCR 1840
 L17 17940 SEA FILE-REGISTRY SSS FUL L11 AND L13 AND L15
 L20 STR



VAR G1=O/S
 REP G2=(1-3) C
 VAR G3=8/15/16/17/27/20/21/37/38/30/31/34/35/54/48/49/52/53
 VAR G4=O/S
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 51

STEREO ATTRIBUTES: NONE
 L23 8285 SEA FILE-REGISTRY SUB-L17 SSS FUL L20

100.0% PROCESSED 13960 ITERATIONS
 SEARCH TIME: 00.00.01

8285 ANSWERS

=> d que sta 130
 L11 STR



VAR G1=O/S
 REP G2=(1-3) C

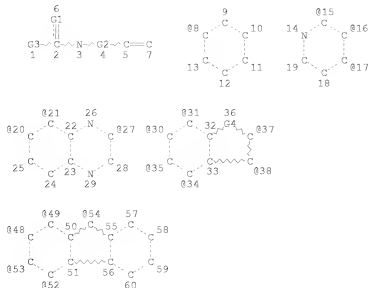
VAR G3=7/9/11

NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 16

STEREO ATTRIBUTES: NONE

L13 SCR 1011 OR 1012 OR 1013 OR 1019
 L15 SCR 1840
 L17 17940 SEA FILE=REGISTRY SSS FUL L11 AND L13 AND L15
 L20 STR

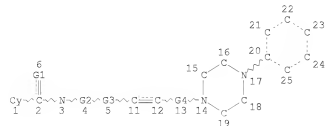


VAR G1=O/S
 REP G2=(1-3) C
 VAR G3=8/15/16/17/27/20/21/37/38/30/31/34/35/54/48/49/52/53
 VAR G4=O/S
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 51

STEREO ATTRIBUTES: NONE

L23 8285 SEA FILE=REGISTRY SUB=L17 SSS FUL L20
 L24 9655 SEA FILE=REGISTRY ABB-ON PLU-ON L17 NOT L23
 L25 STR



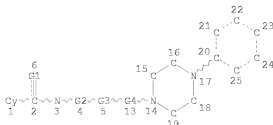
VAR G1=O/S

REP G2=(1-3) C
 VAR G3=7-4 8-11/9-4 10-11/CB
 REP G4=(0-3) C
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 25

STEREO ATTRIBUTES: NONE
 L26 STR

C#C C#C
 @7 @8 @9 @10



VAR G1=O/S
 REP G2=(1-3) C
 VAR G3=7-4 8-13/9-4 10-13/CB
 REP G4=(0-3) C
 NODE ATTRIBUTES:
 DEFAULT MLEVEL IS ATOM
 DEFAULT ELEVEL IS LIMITED

GRAPH ATTRIBUTES:
 RING(S) ARE ISOLATED OR EMBEDDED
 NUMBER OF NODES IS 23

STEREO ATTRIBUTES: NONE
 L30 13 SEA FILE-REGISTRY SUB-L24 SSS FUL (L25 OR L26)

100.0% PROCESSED 267 ITERATIONS 13 ANSWERS
 SEARCH TIME: 00.00.01

-> b hcap
 FILE 'HCAPIUS' ENTERED AT 13:04:51 ON 04 APR 2008
 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
 PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
 COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

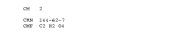
Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 4 Apr 2008 VOL 148 ISS 15
 FILE LAST UPDATED: 3 Apr 2008 (20080403/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

-> d bib abs hitrn fhitstr 145 tot



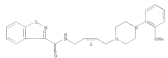
-> d bib abs hitstr 144 tot

144 ANS000 3 (OP 3) NCP00000 COPYRIGHT 2008 ACS, INC. (Continued)
 piperonyl-2-butyl)-, dihydrochloride (HCl) (CA INDEX NAME)



● HCl

NS 14500-17-1 NCP00000
 OR 1,2-dimethoxy-4-(4-methoxyphenyl)-3-pyridinecarboxamide, N-[4-(4-methoxyphenyl)-3-piperonyl-2-butyl)-, dihydrochloride (HCl) (HCl) (CA INDEX NAME)
 Double bond geometry as shown:



● HCl


```
-> b uspatall
FILE 'USPATFULL' ENTERED AT 13:05:46 ON 04 APR 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPATOLD' ENTERED AT 13:05:46 ON 04 APR 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 13:05:46 ON 04 APR 2008
CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

-> d bib abs hitrn fhitstr 142 1
```


-> d bib abs hitstr 142 2-3

[illegible]

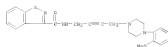
CA09 Number of Claims: 31
ECL Exemplary Claim: 1,14,16
DRAW No Drawing
35 USC 1189

CA5 INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel boronitrichloride- and boronazole-1-carboxamides, processes and intermediates for the preparation thereof, and methods of treating psychoses utilizing compounds and compositions thereof are disclosed.

CA5 INDEXING IS AVAILABLE FOR THIS PATENT.

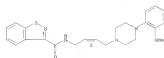
12 147616-34-0 245134-31-0
(preparation of an antipsychotic)
EN 147559-34-0 US PATENT
EN 147559-34-0 245134-31-0
(preparation of 1-*tert*-butyl-, dihydrochloride (92C) (CA 18063 NAME)



```

      2  HCL
PGS  145759-37-1  UGDAITULL
CDS  1,3-benzisoxazole-3-carboxamide, N-[4-(4-(2-methoxyphenyl)-2-
      piperidinyl)-2-tutenyl]-, dihydrochloride, (2)- (HCL) (CA INDEX NAME)
      Double bond geometry as shown.

```



● 2. 4021

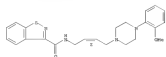
141	AMERICAN S OF 3	USARFTELLO ON DTH	
AM	52 72477	USARFTELLO ON DTH	
TI	Kenneth Johnstone, aka Kenneth Johnstone, 3-berbomendes		
TO	Reb, Nicholas J. Somerville, NJ, United States		
FROM	Jurcek, John G., Union City, NJ, United States		
INFO	Roche-Hall Chemical Pharmaceuticals Inc., Somerville, NJ, United States		
PC	US-----6141621	139520401	
AI	139518-003653146	15910429 (7)	
DT	01/11/11		
FD	01/11/11		
STATUS	Priority Examiner	Ying, Cecilia	
CLASS	Withholding, Reported R		
12345	Number of Claims: 21		
12345	Number of Claims: 21		

NAME No Growings
 LN CT 1155
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB Nerve benzothiazolone- and benzothiazole-3-carboxamides, processes and intermediates for the preparation thereof, and methods of treating psychoses utilizing compounds and compositions thereof are disclosed
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 IN 145750-34-00 145755
 (preparation of α -antipyrines)
 EN 145755-3-2 COMBUSTION
 RI 1,3-benzothiazol-2-yl-3-carboxamide, 8-[(4-[4-(2-methoxyphenyl)-3-piperidinyl]-2-butyl)-, dihydrochloride (921) (CA INDEX NAME)



● **2. HCl**

SM 145769-37-1 UNPAIDFULL
 CS 1,2-Benzisothiazole-3-carboxamide, N-[4-(4-(2-methoxybenzyl)-1-piperazinyl)-2-butenyl]-, dihydrochloride, (2)- (CST) (CA INDEX NAME)
 Double bond geometry as shown.



● HCS

-> d his

```

(FILE 'HOME' ENTERED AT 10:36:06 ON 04 APR 2008)

FILE 'HCAPLUS' ENTERED AT 10:36:17 ON 04 APR 2008
L1      1 US5143923/PN

FILE 'REGISTRY' ENTERED AT 10:36:32 ON 04 APR 2008

FILE 'HCAPLUS' ENTERED AT 10:36:32 ON 04 APR 2008
L2      TRA L1 1- RN :      79 TERMS

FILE 'REGISTRY' ENTERED AT 10:36:32 ON 04 APR 2008
L3      79 SEA L2
L4      32 L3 AND NC2NC2/ES
L5      18 L4 AND NSC3-C6/ES

FILE 'HCAPLUS' ENTERED AT 11:19:51 ON 04 APR 2008
L6      1 US20060106030/PN

FILE 'REGISTRY' ENTERED AT 11:20:04 ON 04 APR 2008

FILE 'HCAPLUS' ENTERED AT 11:20:04 ON 04 APR 2008
L7      TRA L6 1- RN :      46 TERMS

FILE 'REGISTRY' ENTERED AT 11:20:04 ON 04 APR 2008
L8      46 SEA L7
L9      41 L8 AND NC2NC2/ES AND 46.150.18/RID
L10     14 L9 AND (NC5 OR NC2NC2-C6 OR OC4-C6 OR SC4-C6 OR C5-C6-C6)/ES
L11     STR
L12     12 L11
L13     SCR 1011 OR 1012 OR 1013 OR 1019
L14     46 L11 AND L13
L15     SCR 1840
L16     46 L11 AND L13 AND L15
L17     17940 L11 AND L13 AND L15 FULL
        SAV TEM J534C1GVI/A L17
L18     STR L11
L19     50 L13 SAM SUB=L17
L20     STR L18
L21     50 L20 SAM SUB=L17
L22     38 L17 AND L8
L23     8285 L20 FULL SUB=L17
L24     9655 L17 NOT L23
L25     STR L11
L26     STR L25
L27     1 (L25 OR L26) SAM SUB=L24
L28     1 L26 SAM SUB=L24
L29     0 L25 SAM SUB=L24
L30     13 (L25 OR L26) FULL SUB=L24
L31     3 L30 AND L8

FILE 'HCAPLUS' ENTERED AT 12:55:10 ON 04 APR 2008
L32     3 L30
L33     2 L22

FILE 'REGISTRY' ENTERED AT 12:59:51 ON 04 APR 2008
L34     110 C23H24CL2N4O
L35     0 L34 AND L17
L36     22 L34 AND NC2NC2/ES
L37     0 L36 AND NC4-C6/ES

FILE 'HCAOLD' ENTERED AT 13:01:10 ON 04 APR 2008
L38     0 L22
L39     0 L30

FILE 'USPATFULL, USPATOLD, USPAT2' ENTERED AT 13:01:53 ON 04 APR 2008
L40     1 L22
L41     3 L30

```

```
L42          3 L40-41
L43 FILE 'HCAPLUS' ENTERED AT 13:03:22 ON 04 APR 2008
L44          1 L32 AND L33
L45          2 L32 NOT L43
L46          2 L33,L43
-->
```